**JC04 Rec'd PCT/PTO** 12 OCT 2005

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FORM (REV	PTO-139	00 (Modified) U.S. DEPARTMENT OF CO	MMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES				DPC0012	
DESIGNATED/ELECTED OFFICE (DO/EO/US)				U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR	
CONCERNING A FILING UNDER 35 U.S.C. 371				10/552981	
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE			PRIORITY DATE CLAIMED		
		CT/GB2004/001483	04/12/2004	04/12/2003	
PIST	ΓON	T(S) FOR DO/EO/US			
George Frederic Galvin					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1.	×	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.			
2.		This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.			
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.			
4.	$\boxtimes$	The US has been elected by the expiration of 19 months from the priority date (Article 31).			
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371 (c) (2))			
		a.   is attached hereto (required only if not communicated by the International Bureau).			
b. 🛮 has been communicated by the International Bureau.					
		c. $\square$ is not required, as the application was filed in the United States Receiving Office (RO/US).			
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).			
		a.  is attached hereto.			
		b. has been previously submitted under 35 U.S.C. 154(d)(4).			
7.	$\boxtimes$	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))			
		a.   are attached hereto (required only if not communicated by the International Bureau).			
		b.  have been communicated by the International Bureau.			
	-	c.  have not been made; however, the time limit for making such amendments has NOT expired.			
		d. have not been made and will not be made.			
8.	[F]	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).			
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).			
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).			
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).			
12. A copy of the International Search Report (PCT/ISA/210).					
Items 13 to 20 below concern document(s) or information included:					
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.			
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.			
15.	$\boxtimes$	A FIRST preliminary amendme			
16.		A SECOND or SUBSEQUENT preliminary amendment.			
17.	×	A substitute specification.			
18.		A change of power of attorney a			
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.			
20.		A second copy of the published international application under 35 U.S.C. 154(d)(4).			
21.		A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).			
22. 23.	Ø Ø	Certificate of Mailing by Express Mail Other items or information:			
<sup>23.</sup>	Z)	•			
Check No. 104363 (\$ 450.00).					

JCO5 Rec'd PCT/PTA INTERNATIONAL APPLICATION NO. U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR PCT/GB2004/001483 **DPC0012** 24. The following fees are submitted:. CALCULATIONS PTO USE ONLY BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO . . . . . . . . . . \$1060.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ...... \$900.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$750.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) . . . . . . . . . . \$720.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)...... \$100.00 **ENTER APPROPRIATE BASIC FEE AMOUNT =** \$900.00 Surcharge of \$130.00 for furnishing the oath or declaration later than \$0.00 months from the earliest claimed priority date (37 CFR 1.492 (e)). **CLAIMS NUMBER FILED NUMBER EXTRA** RATE \$0.00 \$18.00 15 Total claims - 20 = 0 \$84.00 \$0.00 3 X - 3 = Independent claims \$0.00 Multiple Dependent Claims (check if applicable). TOTAL OF ABOVE CALCULATIONS \$900.00 Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$450.00 **SUBTOTAL** \$450.00 20 □ 30 Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). \$0.00 TOTAL NATIONAL FEE \$450.00 Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  $\Box$ \$0.00 \$450.00 TOTAL FEES ENCLOSED Amount to be: refunded \$ \$ charged  $\boxtimes$ A check in the amount of \$450.00 to cover the above fees is enclosed. a. Please charge my Deposit Account No. in the amount of to cover the above fees. b. A duplicate copy of this sheet is enclosed.  $\boxtimes$ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment C. 02-0387 A duplicate copy of this sheet is enclosed. to Deposit Account No. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Gerard T. Gallagher SIGNATURE Baker & Daniels LLP 205 West Jefferson Boulevard, Suite 250 Gerard T. Gallagher South Bend, IN 46601 NAME Tel. 574-234-4149 39,679 Fax 574-239-1900 REGISTRATION NUMBER Customer No. 27187 October 12, 2005

DATE

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10/552981

Attorney Docket No. DPC0012 PATENT

## **CERTIFICATE OF MAILING**

The undersigned hereby certifies that the following have been served upon the Honorable Commissioner of Patents & Trademarks by depositing the same in the United States mail, via Express Mail No. EV 328 338 065 US this 12th day of October, 2005.

- (1) Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371;
- (2) Application Data Sheet;
- (3) Amendments to the Claims under Article 19 (2 pages);
- (4) Preliminary Amendment (20 Pages);
- (5) International Search Report (2 pages);
- (6) Check No. 104363 (\$450.00); and
- (7) Return Postcard

Marlene Voorde